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SWALE RURAL DISTRICT COUNCIL

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH



for

1960



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ANNUAL REPORT

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MEDICAL OFFICER OF HEALTH

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CONTENTS

	Page
Swale Rural District Council	2
The Staff of the Public Health Department	3
Section I	
Social Conditions	6
Section II	
Vital Statistics	8
Section III	
Infectious and Other Diseases	14
Section IV	
General Provisions of Health Services	22
Section V	
Sanitary Circumstances of the Area	26
Section VI	
Food and Food Inspection	31
Section VII	
Housing	38
Section VIII	
Shops and Factories	42

SWALE RURAL DISTRICT COUNCIL

Chairman - D. J. MOOR, Esq.

<u>Parish</u>	<u>Councillor</u>	
Badlesmere and Leaveland ...	Morgan-Kirby, D.W.	o
Bapchild ...	Baker, A.L.	x
Bobbing and Iwade ...	Craddock, J.W.	ox
Borden ...	Bishop, Mrs. K.	o
Boughton ...	Crook, E.P.	x
Bredgar ...	May, O.W.O.	ox
Buckland, Norton and Stone ...	Burbridge, E.J.	o
Doddington ...	Jarvis, B.A.	x
Dunkirk ...	Bailey, J.C.	x
Eastling ...	Mountford, G.B.	
Faversham Without, Goodnestone and Graveney	Vinson, E.	ox
Halstow, Lower ...	Cotton, A.C.	x
Hartlip ...	Illingworth, W.G.	
Hernhill ...	White, W.H.	o
Kingsdown, Milsted and Rodmersham ...	Stevens, S.	
Luddenham ...	Brett, A.	x
Lynsted ...	Clarke, J.M.	ox
Newington ...	Prentis, J.E.	o
Newnham ...	Harrison, F.E.	
Oare ...	Fisher, G.F.	
Ospringe ...	Gaskain, E.W.	
Selling ...	Amos, R.F.	x
Sheldwich ...	Lintott, P.	
Stalisfield ...	Moor, D. J.	ox
Teynham ...	Hodges, C.R.	
Throwley ...	Wicks, T.	
Tonge ...	Bensted, F.H.	
Tunstall ...	Bishop, C.C.	o
Upchurch ...		

o Members of the Health Committee

x Members of the Housing Committee

Clerk of the Council - BRYAN TASSELL, Esq.

PUBLIC HEALTH DEPARTMENT

Medical Officer of Health

J. T. MURPHY, M.B., B.Ch., D.P.H.

Chief Public Health Inspector

Mr. R. K. DUNNING,

Deputy Chief Public Health Inspector

Mr. C. T. S. YOUNG (From 1.1.60)

District Public Health Inspector

Mr. C. G. A. RUDD (Left 31.7.60)

Mr. D. W. SILLIFANT (From 17.8.60)

Clerical Staff

Mrs. R. A. SMITH,

Rodent Operator

Mr. C. RICHARDS,

SWALE RURAL DISTRICT COUNCIL

Council Offices,

"Whitehall"

48/50, Bell Road,

Sittingbourne,

Kent.

June, 1961.

To the Chairman and Members of the
Swale Rural District Council.

Mr. Chairman, Mrs. Bishop and Gentlemen,

I beg to submit my Annual Report on the Health and Sanitary Circumstances of the Rural District for 1960.

The number of births for the year is the lowest since 1946 and the corrected birth rate of 13.9 is to be compared with that of England and Wales which is 17.1, however this is compensated by the corrected death rate 9.4 as against 11.5 for the whole country. In this connection it is interesting to record that of the 194 deaths in the district 97 occurred in people over 75 years of age .

The infant mortality rate 14.4 is below the average for the last 15 years and is well below the national average, 21.7 which is again the lowest ever recorded.

The infectious diseases during the year did not present any problems, all were mild and only 6 cases were removed to Hospital, 5 of these being Scarlet Fever.

Although no Poliomyelitis has occurred since 1957 when there were 8 cases it is of paramount importance that vaccination is kept at a high

level in order to ensure sufficient immunity among the population. It always will be more difficult to achieve this high level among those over 16 years of age and it is in this young healthy adult group that Polio-myelitis often causes the greatest distress and mortality.

Following comprehensive trials of the paper sack system of refuse collection the Council decided to inaugurate a complete system of paper sack collection throughout the whole Rural District. This is a major step forward in environmental hygiene, and the Council must indeed be congratulated in being the first authority to do this in the country.

The improvement in the conditions pertaining to the District goes to show that the Swale is a healthy place with great expectations at both extremes of life and its ever increasing amenities makes residing therein more pleasant.

A deputy Chief Public Health Inspector and an Additional were appointed during the year - hereagain the Council with great foresight anticipated the upward trend of salary scales applicable to these posts and were thus able to choose from a good selection of very suitable candidates.

I wish again to record my thanks to Mr. Dunning the Chief Public Health Inspector for his co-operation throughout the year. The nature of my post makes it necessary to rely to a great extent upon his initiative and tact.

I also wish to thank the Chairman and Members of the Public Health Committee for their constructive help throughout the year.

I am,

Your obedient Servant,

J. T. MURPHY.

SECTION I

SOCIAL CONDITIONS

1. CLIMATOLOGY

The total rainfall for the year was the highest recorded since the records began in 1948, that recorded at Faversham Sewage Works being 35.19 inches as compared with 24.16 inches in 1959, and at Highsted Water Works, Sittingbourne 33.64 inches in 1960 as compared with 24.45 inches in 1959.

The temperature and rainfall as recorded month by month at the Faversham Sewage Works, Highsted Water Works, Sittingbourne and Johnson House, Sittingbourne can be seen in Appendix "B" and "C".

2. AREA

62,011 acres (approximately 97 square miles).

No change.

3. POPULATION

The estimated mid-year population for the district as given by the Registrar-General was 20,520 showing an increase of 180 over last year's estimate, and an increase of 806 over the 1951 census figure. The natural increase of the population i.e., the excess of births over deaths during 1960 was 84.

4. NUMBER OF INHABITED HOUSES

The estimated number of inhabited houses at the end of 1960 was 6,694 as compared with 6,482 at the end of 1959 - an increase of 212. There were 29 houses built by the Council and 235 constructed privately (total 264), but during the year other houses ceased to be used as

living accommodation either by reason of demolition or conversion to other purposes. The increase in the number of inhabited houses is largely accounted for by new private construction on the estates at Teynham (84 houses) and Tunstall (114 houses).

5. RATEABLE VALUE

£189,428 as compared with £180,095 in the previous year.

6. SUM REPRESENTED BY A PENNY RATE

£729 an increase of £29 over last years figure.

SECTION II

VITAL STATISTICS

1. BIRTHS

1.	(i)	Live Births		M	F	Total
	Legitimate	...	...	125(133)	140(148)	265(281)
	Illegitimate	...	...	11(10)	2(7)	13(17)
				136(143)	142(155)	278(298)

(ii) Still Births

Legitimate	...	...	...	8(2)	2(2)	10(4)
Illegitimate	...	...	...	1(-)	-(1)	1(1)
				9(2)	2(3)	11(5)

(iii) Birth Rate - The crude birth rate for the year at 13.5 per 1,000 of the estimated population shows once again a decrease as compared with 14.6 per 1,000 for 1959. The corrected birth rate for the area is 13.9, the rate for England and Wales being 17.1, which is 0.6 higher than that for 1959 and the highest since 1948.

(iv) Percentage of Still Births and Illegitimate Rate - The percentage of still births to total births has increased considerably from 1.7% in 1959 to 3.9% in 1960, and the illegitimate rate shows a decrease from 6.0% in 1959 to 4.9% in 1960.

(v) Excess of Births over Deaths - This amounted to 84 for the year 1960 and shows a slight decrease as compared with the corresponding figure for 1959 which was 93, and is somewhat lower than 124 which was the figure for 1958.

(vi) Table I shows the number of births and birth rates since 1946.

2. DEATHS

(a) The number of deaths occurring in or assigned to the area during 1960 was 194, of which 100 were males and 94 females. This is a decrease on the number (205) which occurred in the previous year but as will be seen from Table I the number of deaths is below the average for the past fifteen years.

The following statement shows the age and sex distribution of the deaths that occurred in 1960.

	Und 1	-5	-15	-25	-35	-45	-55	-65	-75	-85	Ov. 85	Total
Males ..	3	2	-	1	-	3	9	23	22	29	8	100
Females.	1	2	-	-	1	1	4	2	23	38	22	94
	4	4	-	1	1	4	13	25	45	67	30	194

(b) The crude death rate at 9.5 per 1,000 of the population shows a slight decrease over that of the previous year (10.1 per 1,000). The corrected death rate for the area is 9.4 which compares favourably with the death rate for England and Wales which is 11.5. This is 0.1 lower than that for 1959.

(c) Table I shows the number of deaths and death rates since 1946 and Table 2 shows the causes of death during 1960 as classified by the Registrar-General under 36 headings based on the Abbreviated List of the International Statistical Classifications of Disease, Injuries and Causes of Death.

TABLE I

Births and Deaths 1946 - 1960

Year	No. of Births	No. of Deaths	Excess of Births over Deaths	Crude Birth Rate	Crude Death Rate
1946	336	219	117	21.9	12.4
1947	439	228	211	24.4	12.7
1948	391	219	172	20.3	11.4
1949	367	227	140	19.3	11.9
1950	359	241	118	18.8	12.6
1951	320	211	109	16.3	10.8
1952	325	193	132	16.3	9.8
1953	291	211	80	14.5	10.5
1954	331	208	123	16.4	10.3
1955	286	178	108	14.1	8.8
1956	298	203	95	14.7	10.0
1957	287	189	98	14.1	9.3
1958	300	186	124	14.7	9.1
1959	298	205	93	14.6	10.1
1960	278	194	84	13.5	9.5

TABLE 2

Causes of Death

Causes of Death	Males	Females	Total
1.. Tuberculosis Respiratory	1(2)	1(1)	2(3)
2. Tuberculosis Other	-(-)	-(-)	-(-)
3. Syphilis disease	-(-)	-(-)	-(-)
4. Diphtheria	-(-)	-(-)	-(-)
5. Whooping Cough	-(-)	-(-)	-(-)
6. Meningococcal infections	-(-)	-(-)	-(-)
7. Acute Poliomyelitis	-(-)	-(-)	-(-)
8. Measles	-(-)	-(-)	-(-)
9. Other infective and parasitic diseases ...	-(-)	- (1)	- (1)
10. Malignant neoplasm, stomach	1(2)	2(1)	3(3)
11. Malignant neoplasm, lung, bronchus	6(9)	- (4)	6(13)
12. Malignant neoplasm, breast	-(-)	3(4)	3(4)
13. Malignant neoplasm, uterus	-(-)	1(2)	1(2)
14. Other malignant and lymphatic neoplasms .	9(7)	6(12)	15(19)
15. Leukaemia and aleukaemia	- (2)	3(-)	3(2)
16. Diabetes	1(-)	-(-)	1(-)
17. Vascular lesions of nervous system	14(12)	11(22)	25(34)
18. Coronary disease, angina	28(20)	16(10)	44(30)
19. Hypertension with heart disease	1(-)	4(5)	5(5)
20. Other heart disease	15(24)	21(21)	36(45)
21. Other circulatory disease	4(1)	3(2)	7(3)
22. Influenza	- (1)	-(-)	- (1)
23. Pneumonia	3(8)	4(3)	7(11)
24. Bronchitis	4(-)	4(1)	8(1)
25. Other diseases of respiratory system	-(-)	- (2)	- (2)
26. Ulcer of stomach and duodenum	2(1)	-(-)	2(1)
27. Gastritis, enteritis and diarrhoea	-(-)	1(-)	1(-)
28. Nephritis and nephrosis	1(3)	3(1)	4(4)
29. Hyperplasia of prostate	2(1)	-(-)	2(1)
30. Pregnancy, childbirth and abortion	-(-)	1(-)	1(-)
31. Congenital malformations	- (1)	- (1)	- (2)
32. Other defined and ill-defined diseases ..	5(3)	10(7)	15(10)
33. Motor vehicle accidents	2(2)	- (1)	2(3)
34. All other accidents	1(3)	- (1)	1(4)
35. Suicide	- (1)	-(-)	- (1)
36. Homicide and operations of war	-(-)	-(-)	-(-)
	100(103)	94(102)	194(205)

3. INFANT MORTALITY

There were 4 deaths of infants under 1 year of age during 1960. This gives an Infantile Mortality Rate for the year of 14.4 per 1,000 live births. This is below the average for the past 15 years.

The Infantile Mortality Rate for the country as a whole is 21.7 per 1,000 live births and the lowest ever recorded in this country. It was 0.5 per 1,000 below that for 1959 the previous lowest.

The number of infant deaths and the rate per 1,000 births for the past 15 years in the district is given in Table 4.

All the infant deaths occurred during the first 8 days of independent life. This neonatal mortality remains fairly constant and is due to adverse influences on the child over which environmental conditions have no control.

The causes of Infant Deaths that occurred are given in Table 3.

TABLE 3

INFANT DEATHS

Cause of Death	Place of Death	Male	Female
1. Atelectasis	Hospital	3 hours	-
2. Asphyxia Pallida Compression of child whilst in second stage of labour	Home	10 mins.	-
3. Pneumonia Prematurity Kernicterus	Hospital	1 week	-
4. Prematurity	Hospital	-	14 hours

TABLE 4

Year	No. of Deaths	Rates
1946	18	46.4
1947	21	47.8
1948	9	23.0
1949	8	21.8
1950	6	16.7
1951	5	15.6
1952	6	18.5
1953	4	13.7
1954	6	18.1
1955	5	17.5
1956	9	30.2
1957	4	13.9
1958	5	16.7
1959	3	10.0
1960	4	14.4

SECTION III

INFECTIOUS AND OTHER DISEASES

1. Total number of the Infectious Diseases notified during the year, the number admitted to Hospital or Sanatorium and the number of deaths attributed to each disease in the Registrar-General's classification of deaths is given in Table 5.

TABLE 5

Disease	Cases Notified	Removed to Hospital or Sanatorium	Deaths
Scarlet Fever	56(42)	5	-
Whooping Cough	30(9)	-	-
Measles	136(209)	1	-
Pneumonia	7(24)	-	7
Tuberculosis Pulmonary.	5(11)	10	2
Ophthalmia Neonatorum .	1(1)	-	-
Erysipelas	-(1)	-	-
Paratyphoid Fever	-(2)	-	-
Tuberculosis Non-Pul:	-(2)	-	-
Food Poisoning	-(3)	-	-
	235(304)	16	9

2. Table 6 shows the age groups affected by the diseases notified.

TABLE 6

Age Groups Distribution - Infectious Diseases

Disease	Und 1	-5	-10	-15	-20	-25	-30	-35	-40	-45	-50	-55	Ov. 55	Total
Scarlet Fever..	-	12	33	10	1	-	-	-	-	-	-	-	-	56
Whooping Cough.	1	9	20	-	-	-	-	-	-	-	-	-	-	30
Measles	3	27	86	20	-	-	-	-	-	-	-	-	-	136
Pneumonia	1	-	-	1	-	-	-	-	1	1	1	-	2	7
Tuberculosis														
Pulmonary	-	-	-	-	2	-	-	-	-	1	1	1	-	5
Ophthalmia														
Neonatorum ...	1	-	-	-	-	-	-	-	-	-	-	-	-	1
	6	48	139	31	3	-	-	-	1	2	2	1	2	235

There were 235 notifications received during the year as compared with 304 in 1959 a decrease of 69. Measles accounted for 136 notifications as compared with 209 in the previous year a decrease of 73. Whooping Cough has increased once again mainly during the first half of the year. Scarlet Fever has considerably risen, being 56 in 1960, 14 above the figure for 1959. The 7 cases of Pneumonia notified during the year is below the average for the past 15 years and the lowest recorded since 1942. Once again as during the past 2 years there have been no cases of Acute Poliomyelitis.

TUBERCULOSIS

There were no cases of Non-Pulmonary Tuberculosis notified during the year.

There were only 5 cases of Pulmonary Tuberculosis notified. This figure is the lowest ever recorded in the Swale Rural District.

During the year a total of 10 patients from the Swale Area were admitted to Hospital or Sanatorium for treatment.

<u>Institution</u>	<u>Patients</u>
Royal Sea Bathing Hospital, Margate.	2
Grove Park Hospital, Marvells Lane, London, S.E.12.	1
Keycol Sanatorium, Keycol Hill, Bobbing, Sittingbourne.	5
Preston Hall Hospital, British Legion Village, Nr. Maidstone, Kent.	1
Darvell Hall Hospital, Robertsbridge, Sussex.	1

TABLE 7

Age Groups of new cases of Tuberculosis
notified during 1960.

Age Group	Type	Male	Female	Total
0 - 1	-	-	-	-
1 - 5	-	-	-	-
5 - 10	-	-	-	-
10 - 15	-	-	-	-
15 - 20	Pulmonary	2	-	2
20 - 25	-	-	-	-
25 - 30	-	-	-	-
30 - 35	-	-	-	-
35 - 40	-	-	-	-
40 - 45	Pulmonary	-	1	1
45 - 50	Pulmonary	1	-	1
50 - 55	Pulmonary	1	-	1
0v. - 55	-	-	-	-
		4	1	5

TABLE 8

Number of cases of Tuberculosis notified
and number of deaths and the death rates
each year from 1945 to 1960.

Year	Number of Primary Notifications Received		Deaths		Death Rate per 10,000 of the Population	
	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary
1945	14	3	10	2	6.03	1.2
1946	12	6	8	1	4.5	0.5
1947	10	3	9	-	5.01	0.0
1948	16	3	4	3	2.08	1.5
1949	11	5	5	3	2.6	1.5
1950	7	1	3	-	1.5	0.0
1951	12	4	4	-	2.04	0.0
1952	12	1	5	-	2.5	0.0
1953	12	3	3	-	1.5	0.0
1954	7	5	3	-	1.5	0.0
1955	12	1	3	-	1.5	0.0
1956	13	2	1	-	0.5	0.0
1957	16	-	1	1	0.5	0.5
1958	9	1	1	-	0.5	0.0
1959	11	2	3	-	1.5	0.0
1960	5	-	2 ⁺	-	0.9	0.0

+ This figure refers to patients who have died from Tuberculosis but not necessarily on the Tuberculosis Register.

A summary of cases remaining on the Tuberculosis Register for the area at the end of 1960 is shown in Table 9. There has been over a period of years a gradual increase in the numbers on the Register (88 at the end of 1947 and 187 at the end of 1960).

TABLE 9

	Pulmonary		Non-Pulmonary		Total
	M	F	M	F	
No. of cases on Register at 1st January, 1960....	83(78)	75(70)	18(17)	13(13)	189(178)
New Cases.....	4(6)	1(5)	-(1)	-(1)	5(13)
Restored to Register....	-(-)	-(-)	-(-)	-(-)	-(-)
Transferred to Swale....	1(3)	1(2)	-(-)	-(-)	2(5)
Other Additions.....	1(-)	-(-)	-(-)	-(-)	1(-)
	89(87)	77(77)	18(18)	13(14)	197(196)
Died.....	-(2)	-(1)	-(-)	-(-)	-(3)
Left Swale.....	3(1)	2(1)	-(-)	-(1)	5(3)
Recovered.....	1(1)	4(-)	-(-)	-(-)	5(1)
Cancelled Non-T.B.....	-(-)	-(-)	-(-)	-(-)	-(-)
	85(83)	71(75)	18(18)	13(13)	187(189)

IMMUNISATION AND VACCINATION(i) Diphtheria Immunisation

From figures supplied by courtesy of the County Medical Officer it appears that 299 children under 5 years of age and 26 children aged 5 - 15 years were immunised during 1960. It would also appear that of all children in the area under the age of 15 years on the 31st December, 1960 - 4,252 had completed a course of immunisation before that date. The number of re-inforcing inoculations carried out (mainly children commencing school life) was 219 as compared with 201 in the previous year.

(ii) Smallpox Vaccination

Also by courtesy of the County Medical Officer it is reported that 187 primary vaccinations and 1 re-vaccination were carried out, as compared with last year's figures which were 210 and 2 respectively. Of the 187 primary vaccinations 88 were of children under 1 year of age and 93 of children aged 1 - 5 years.

TABLE 10

Diphtheria Immunisation, Whooping Cough Immunisation and Smallpox Vaccination figures for 1960.

Year of Birth	Diphtheria Immunisation		Smallpox Vaccination		Whooping Cough Immunisation
	Primary	Reinforcing	Primary	Revaccination	Primary
1960	108	1	88	-	108
1959	145	2	80	-	111
1958	34	6	10	-	18
1957	6	2	-	-	5
1956	6	16	3	-	5
1955	12	122	1	-	9
1954	3	28	-	-	1
1953	2	8	-	-	2
1952	2	2	-	-	1
1951	1	9	2	-	-
1950	-	7	1	-	-
1949	3	8	-	-	1
1948	2	2	1	-	-
1947	1	3	-	-	-
1946	-	2	-	-	-
Before 1946	-	1	1	1	-
Totals	325	219	187	1	261

(iii) Poliomyelitis Vaccination

The following table gives the number of persons resident in the Swale Rural District who received injections against poliomyelitis during the year ended 31st December, 1960.

The table shows that 588 persons over the age of 16 years received two injections against poliomyelitis during the year while 694 received a third injection.

TABLE 11

Year of Birth	Given third injection	Given two injections
1960	2	41
1959	104	160
1958	129	26
1957	42	14
1956	42	6
1955	35	11
1954	32	12
1953	16	7
1952	31	5
1951	26	2
1950	20	3
1949	30	5
1948	22	4
1947	36	4
1946	33	3
1945	23	-
1944	19	1
1943	47	3
1933-1942	506	125
Before 1933	70	420
Others	71	40
	<hr/>	<hr/>
	1,336	892

SECTION IV

GENERAL PROVISION OF HEALTH SERVICES

Local Authority Health Services under the National Health Service Act are administered by the Kent County Council as the Local Health Authority. Those services include the care of Mothers and Young Children; the provision of Midwives; Home Visiting and Home Nursing; Vaccination and Immunisation; Prevention of Illness; Care and After-Care and the Domestic Health Service. Mental Welfare and the treatment and care of Tuberculosis patients is provided by the Regional Hospital Board.

SCHOOL HEALTH SERVICES

Through the courtesy of the County Medical Officer, the following is a summary of the returns for the year 1960, for the Area comprising the Boroughs of Faversham and Queenborough, the Urban Districts of Sheerness and Sittingbourne and Milton and the Rural Districts of Shepway and Swale.

(a) Medical Inspections

(i) Number of children inspected (periodic)	...	5,292
(ii) Number of special inspections	...	264
(iii) Number of re-inspections	...	6,218
(iv) Number of children found at periodic inspections to require treatment	...	764
(v) Percentage requiring treatment	...	1.4%

Routine School Medical Inspections

		Physical Condition of Pupils Inspected			
No. of Pupils Inspected (1)	Satisfactory		Unsatisfactory		% of Col. 1 (5)
	No. (2)	% of Col. 1 (3)	No. (4)		
5,292	5,124	96.8	168		3.2

(b) Minor Ailments (Excluding Uncleanliness)

SKIN

OTHER

(c) Defective Vision and Squint

Errors of refraction (including squint)	825
Other defects or diseases of the eyes (excluding those recorded in Group 1)	-
Number of pupils for whom spectacles were prescribed	371

(d) Dental Inspection

(1) Number of pupils inspected by the Authority's Dental Officers

(a) At periodic inspection	2,472
(b) As specials	-
(2) Number found to require treatment	1,740
(3) Number offered treatment	1,493
(4) Number actually treated	1,144
(5) Number of attendances made by pupils for treatment ...	4,104

(6) Fillings:

(a) Permanent Teeth	1,449
(b) Temporary Teeth	325

(7) Number of teeth filled:

(a) Permanent Teeth	1,304
(b) Temporary Teeth	319

(8) Extractions:

(a) Permanent Teeth	831
(b) Temporary Teeth	1,448

(9) Administration of general anaesthetics for extraction 1,121

(10) Other operations:

(a) Permanent Teeth 743

(b) Temporary Teeth 165

(e) Infestation with Vermin

(i) Total number of examinations in the schools
by the school nurse or other authorised
persons 122

(ii) Total number of individual pupils found to
be infested 165

(iii) Number of individual pupils in respect of
whom cleansing notices were issued under
Section 54 (2) Education Act, 1944 19

SECTION V

SANITARY CIRCUMSTANCES OF THE AREA

1. Water Supply

The authorities distributing main water in the rural district have a very comprehensive system of mains affording a good supply in quantity and quality, to all but approximately 28 isolated houses in the area.

The parishes of Hartlip and Upchurch are supplied by the Medway Water Board, Bobbing, Iwade, Lower Halstow and Newington by the Sittingbourne and Milton Urban District Council; Oare by the Faversham Water Company and the remaining parishes by the Mid Kent Water Company.

2. Drainage and Sewerage

Work on the sewerage and sewage disposal system at Boughton was completed in April and this has achieved a long needed improvement in the drainage of this village.

The extension to the disposal works at Lower Halstow to deal with sewage from Upchurch and the sewerering of that parish was about 60% complete at the end of the year; not the progress that was expected on account of the severe weather experienced. The completion of this scheme will bring much relief to the village as difficulties in drainage in this area have been as great as anywhere in the district.

Unfortunately the scheme for sewerering Bapchild has again been delayed but it is hoped to start early in 1961.

The parishes of Boughton, Oare, Teynham, Lynsted, Iwade, Newington, Lower Halstow and parts of the parishes of Borden and Rodmersham have sewerage facilities.

3. Public Cleansing

This service is administered by the Engineer and Surveyor.

(a) Refuse Collection

When considering estimates for the year 1960 - 1961 the Council decided to collect refuse from the back of the houses and provision was made in the estimates for that service. A local firm making paper sacks saw this information in the local press and approached the Council for permission to carry out trials with a paper sack system of collection. These trials were most impressive and the Council then decided to adopt this form of collection in 1961.

This system is practically dustless, flexible and minimises smells and noise so that from a Sanitarians point of view has many advantages to commend it. The introduction of the scheme over the whole area is awaited with much interest both locally and also over a very wide field.

Disposal is still by controlled tipping at Borden and Selling; the tip at Newnham having been very little used this year.

(b) Cesspool Emptying

The Council have 5 cesspool emptying vehicles for use in the district and with the benefit from sewerage more parishes it is hoped to improve the service. It will be an improvement that has long been necessary and will prevent a great deal of distress and inconvenience in the district.

The disposal of the cesspool contents continues to present very great difficulties.

4. Rodent Control

One man is employed for this purpose and is engaged full time on survey work and the clearance of infestations found. Treatment at

private houses is included in the service given by the Council but occupiers of business premises are required to pay the estimated cost of the work before the treatment is started. With the introduction of Warfarin, a poison safer and easier to handle, a good many occupiers prefer to carry out the disinfection of their own premises and this practice is encouraged by giving free advice on procedure whenever requested.

The following table summarises the work done during the year.

5. Disinfection and Disinfestation

(i) During the year 96 visits were made investigating cases of infectious disease and 20 rooms were disinfected.

(ii) There were only 14 visits concerning complaints re vermin - not a very serious problem in this area.

6. Fly Control

The refuse tips are dusted regularly throughout the warmer months with a malathion based powder - a treatment which has proved effective and simple in operation.

7. Inspection of the District

A summary of visits made during the year is given in Appendix "D".

SECTION VI

FOOD AND FOOD SUPPLIES

Food Supplies

Food premises throughout the district are reasonably satisfactory but this year an extra effort has been made to improve on the standard. As a result 80 informal notices requiring repair, cleansing, washing facilities etc., were served during the year but as work was started towards the end of the year only 16 of the notices had been complied with. The effort is being continued.

Unsound Food

Diseased or unsound meat or similar food is stained green and disposed of by recognised firms manufacturing fertilisers and glue etc. Tin foodstuff which has been found to be unfit for human consumption is dealt with by destruction of the tin and burial.

A list of foodstuffs unfit for human consumption is given in Appendix "E".

(i) Food Premises in the Area

The following table sets out the number and type of food premises in the area:-

Slaughterhouses	...	...	...	...	...	4
Grocery and General	...	...	...	...	...	57
Inns etc.	...	...	...	...	...	59
Restaurants	...	...	...	...	...	12
Butchers	...	...	...	...	...	13
Fishmongers	...	...	...	...	...	3
Confectioners & Miscellaneous	...	...	...	...	...	25
Bakehouses	...	...	...	...	...	3
Dairies	...	...	...	...	...	3

Of these premises 91 were registered for the sale of ice-cream and 21 for the preparation or manufacture of sausages etc.

(ii) Milk

There has been a slight increase in the number of people registered as "distributors" of milk.

Registered Distributors of Milk	...	...	...	37(34)
Registered Dairies (Other than Farms)	...	...	...	3(3)

All milk is sold under one or other of the special Designations and the following licences have been issued by the Council.

(a) Dealers (Business in Swale)

Pasteurised	...	...	...	...	...	...	...	9(9)
Sterilised	...	...	...	...	...	...	...	22(17)
Tuberculin Tested	...	...	...	...	...	...	...	5(5)

(b) Supplementary (Business not in Swale but selling milk in the rural district)

Pasteurised	...	...	...	...	...	...	...	11(11)
Sterilised	...	...	...	...	...	...	...	6(6)
Tuberculin Tested	...	...	...	...	...	...	...	10(10)

(iii) Ice Cream

No ice cream is manufactured in the area but 91 premises are registered for the sale of ice cream. There were no samples taken during the year.

(iv) Meat

Slaughterhouses Act, 1958

The report on slaughtering facilities in the area and the probable future requirements that might be needed in the district was submitted to the Ministry of Agriculture Fisheries and Food on 29th July.

The enquiries to assess the future need for slaughterhouse facilities in the area were comprehensive as 27 interested bodies were consulted. Conditions at the five slaughterhouses in the area and the work necessary to bring them to the required standard were discussed with the owners. It transpired from these meetings that 2 of the slaughterhouses would be maintained and improved and it was felt that this would be sufficient for this area.

The report was approved by the Ministry and the date on which the standards are to be enforced was fixed at 1st October, 1961.

Once again 100% inspection of all animals killed has been maintained.

The following table summarises the type of animal killed and the findings on inspection. Details of the meat found to be unfit for human consumption is included in Appendix "E", and it is interesting to point out that there was no evidence of tuberculosis in any of the cattle killed during the year.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	261	1	2	937	388	-
Number inspected	261	1	2	937	388	-
<u>All diseases except</u> <u>Tuberculosis and</u> <u>Cysticerci.</u> Whole carcasses condemned	1	-	-	6	-	-
Carcases of which some part or organ was condemned	48	1	-	17	7	-
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	18.8%	100.0%	0.0%	2.5%	1.8%	-
<u>Tuberculosis only</u> Whole carcasses condemned	-	-	-	-	-	-
Carcases of which some part or organ was condemned	-	-	-	-	4	-
Percentage of the number inspected affected with tuberculosis	-	-	-	-	1.0%	-
<u>Cysticercosis.</u> Carcasses of which some part or organ was condemned ..	1	-	-	-	-	-
Carcases submitted to treatment by refrigeration	-	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-	-

(v) Food and Drugs

The administration of the part of the Act concerning the quality and nature of articles for sale is administered by the County Council Weights and Measures Department, County Hall, Maidstone, and I am indebted to Mr. S. Strugnell, The Chief Inspector for the following summary of work carried out in this area.

KENT COUNTY COUNCIL

FOOD AND DRUGS ACT, 1955.

Details of samples taken by the County Sampling Officers within the SWALE RURAL DISTRICT during the year ended 31st December, 1960.

<u>Article</u>	<u>No.</u>
Azymil	1
Batter Mix complete with Egg	1
Beef Sausage Meat	1
Bitter Beer	1
Blackcurrant Drink	1
Braised Steak	1
Butterscotch complete with Butter and Honey	1
Buttersnap	1
Calves Feet Jelly	1
Chop Sauce	1
Creme Advocaat	1
Creme Coffee and Brandy	1
Creme Mocha Rum	1
Custard Powder	1
Evaporated Milk	1
Gin	2
Ginger Beer	1
Glycerine Lemon and Ipec. Mixture.....	1
Grapefruit Drink	1
Ham Roll	2
Hydrogen Peroxide	1
	—
C/fd.	23
	—

<u>Article</u>	<u>No.</u>
	B/fd.
Ice Cream	23
Ice Cream Lolly	1
Kola	1
Lolly	1
Malt Extract with Cod Liver Oil	1
Mayonnaise	1
Meat Pies	2
Milk	25
Mincemeat	1
Mix-a-Shake	1
Mixed Fruit	1
Ovaltine Chuckles	1
Paregoric Sweets	1
Pork Sausages	1
Rusks	1
Salad Oil	1
Scone Mix	1
Soda Mint B.P. Compressed Tablets	1
Spaghetti Bolognese	1
Sultana Sponge Pudding	1
Whisky	3
	<u> </u>
Total	71
	<u> </u>

SUMMARY

Milks	25
Drugs	6
Spirits	5
Others	35
	<u> </u>
	71
	<u> </u>

All the above samples were genuine with the exception of the following:-

Sample ofAnalysisAction taken

Paregoric Sweets

Contains not more than 0.02 milligrammes anhydrous morphine per sweet and therefore no material quantity of paregoric.

Makers notified.
Description changed to 'Paregoric Flavour Sweets'.

Ham Roll

The filling was not ham meat but shoulder meat.

A verbal caution was issued.

Weights and Measures Department,
County Hall,
Maidstone.

March, 1961.

SECTION VII

HOUSING

"Slum" Clearance

The number of houses demolished this year has fallen from 38 to 11 but there were 41 people in 12 families rehoused as compared with 33 and 10 respectively last year. The drop in the number of houses actually demolished does not signify a material reduction in this important work but is occasioned by difficulty in rehousing the odd family in a group and delaying the demolition of all the houses.

Improvement Grants

This work is administered by the Engineer and Surveyor and continues to make a very useful contribution to the improvement of housing conditions in the area.

Discretionary Grants

A total of 33 applications covering 53 dwellings of which 14 were owner occupied and 39 tenanted, were approved during the year. The cost of work involved was £32,733 and grants of £14,750 were approved.

Standard Grants

A total of 18 applications covering 19 dwellings of which 12 were owner occupied and 7 tenanted, were approved. Grants of £1,662 were paid in respect of 15 dwellings completed where the total cost of work was £3,998.

In this area the high percentage of houses for letting that are being improved is being maintained.

Houses in Clearance Areas and Unfit Houses elsewhere

A. Houses Demolished

<u>In Clearance Areas</u>	Houses Demolished	Displaced during year	
		Persons	Families
1. Houses unfit for human habitation	-	10	2
2. Houses included by reason of bad arrangement ...	-	-	-
3. Houses on land acquired under Section 43(2) Housing Act, 1957 ...	-	-	-
<u>Not in Clearance Areas</u>			
4. As a result of formal or informal procedure under Section 17(1) Housing Act, 1957	11	31	10

B. Unfit Houses Closed

	<u>Number</u>
5. Under Sections 16(4), 17(1) and 35(1) Housing Act, 1957	-
6. Under Sections 17(3) and 26 Housing Act, 1957 ...	-
7. Parts of buildings closed under Section 18, Housing Act, 1957 ...	-

C. Unfit Houses made fit and Houses in which defects were remedied

	By Owner	By Local Authority
8. After informal action by local authority	32	-
9. After formal notice under - (a) Public Health Acts ...	1	-
(b) Sections 9 and 16 Housing Act, 1957 ...	-	-
10. Under Section 24 Housing Act, 1957	1	-

Rent Act, 1957

Again only one application for a Certificate of Disrepair was received this year.

New Houses

A total of 264 houses were built during the year, 235 by private enterprise and 29 by the Council. This figure has increased considerably this year due to the development of private estates at Teynham and Tunstall.

Hop Pickers Camps

This year the number of camps used has remained at 17 but the number of pickers housed has fallen quite considerably. No difficulties in administration of the byelaws was experienced during the year.

Caravans

The new Caravan Sites and Control of Development Act came into force on 29th August and promises a great deal in enforcing the improvement of sites and in the linking of Public Health and Planning Control over the sites.

There are two licensed sites in this area, one at Graveney and one at Upchurch and whilst the standard at these camps is reasonably high further improvements will be obtained by the implementation of the requirements of the new Act.

The licensed site at Iwade has now reverted to its original use as the road and bridge works in that area have been completed.

There is a small number of semi permanent individual sites in the area but now greater powers are given for removal of the itinerant vans.

SECTION VIII

SHOPS AND FACTORIES

1. Shops Act

Informal notices were served in 3 cases where the appropriate notices had not been exhibited and 2 were complied with.

There are 199 shops on the register of the Council and 445 visits were made.

2. Factories

The following table shows details of inspections made during the year and from which it will be seen that defects were found in 4 cases and 2 of these were remedied by the end of the year.

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written Notices (4)	Occupiers prosecuted (5)
1. Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	15	20	-	-
2. Factories not included in (1) in which Section 7 is enforced by the Local Authority	53	36	2	-
3. Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	19	5	-	-
Total ...	87	61	2	-

Particulars (1)	Number of cases in which defects were found					Number of cases in which prosecutions were instituted. (6)	
	Found (2)	Remedied (3)	Referred				
			To H.M. Inspector (4)	By H.M. Inspector (5)			
Want of cleanliness (S.1)	-	-	-	-	-	-	
Overcrowding (S.2)	-	-	-	-	-	-	
Unreasonable temperature (S.3)	-	-	-	-	-	-	
Inadequate Ventilation (S.4)	-	-	-	-	-	-	
Ineffective drainage of floors (S.6)	-	-	-	-	-	-	
Sanitary Conveniences (S.7)	-	-	-	-	-	-	
(a) Insufficient	-	-	-	-	-	-	
(b) Unsuitable or defective ...	4	2	-	-	-	-	
(c) Not separate for sexes ...	-	-	-	-	-	-	
Other offences against the Act (not including offences relating to Out-work) ...	-	-	-	-	-	-	
Total ...	4	2	-	-	-	-	

APPENDIX "A"

Distribution of cases
of Infectious Disease
by Parishes

	Scarlet Fever	Whooping Cough	Measles	Pneumonia	Tuberculosis (Pulmonary)	Ophthalmia Neonatorum	Total
Badlesmere.....	-	-	-	-	-	-	1
Bapchild.....	1	-	1	-	-	-	2
Bobbing.....	4	4	7	-	-	-	15
Borden.....	3	2	11	-	-	-	16
Boughton.....	1	-	-	-	-	-	2
Bredgar.....	1	-	1	-	-	-	3
Buckland.....	-	-	-	-	-	-	-
Doddington.....	6	-	-	-	-	-	6
Dunkirk.....	-	-	1	-	-	-	1
Eastling.....	-	-	-	1	-	-	1
Faversham Without.....	-	-	-	-	-	-	-
Goodnestone.....	-	-	-	-	-	-	-
Graveney.....	-	-	-	-	-	-	-
Halstow, Lower.....	1	-	1	-	-	-	2
Hartlip.....	6	1	3	-	-	-	10
Hernhill.....	-	-	1	-	-	-	1
Iwade.....	-	-	1	-	-	-	1
Kingsdown.....	-	-	-	-	-	-	-
Leaveland.....	-	-	-	-	-	-	-
Luddenham.....	-	-	1	-	-	-	1
Lynsted.....	1	1	-	-	-	-	2
Milsted.....	-	2	3	-	-	-	5
Newington.....	16	6	71	-	-	1	94
Newnham.....	2	-	-	-	-	-	2
Norton.....	-	3	3	-	-	-	6
Oare.....	2	-	-	1	-	-	3
Ospringe.....	1	2	-	-	-	-	3
Rodmersham.....	-	-	-	-	-	-	-
Selling.....	-	-	22	-	-	-	22
Sheldwich.....	-	-	4	1	-	-	5
Stalisfield.....	-	-	-	-	-	-	-
Stone.....	-	-	-	-	-	-	-
Teynham.....	7	9	2	-	1	-	19
Throwley.....	-	-	1	-	-	-	1
Tonge.....	-	-	-	-	-	-	-
Tunstall.....	-	-	1	-	1	-	2
Upchurch.....	4	-	1	3	-	1	9
	56	30	136	7	5	1	235

APPENDIX "B"

Rainfall and Temperature Recorded

at the Borough Sewage Works

Faversham - 1960.

<u>MONTH</u>	<u>RAINFALL</u>	<u>TEMPERATURE</u>	
		<u>MAX</u>	<u>MIN</u>
JANUARY	2.87 ins.	54	21
FEBRUARY	2.10 ins.	61	25
MARCH	1.77 ins.	59	27
APRIL	.77 ins.	65	34
MAY	1.77 ins.	81	37
JUNE	1.66 ins.	89	45
JULY	2.3 ins.	81	48
AUGUST	4.81 ins.	80	46
SEPTEMBER	2.31 ins.	79	41
OCTOBER	5.9 ins.	68	34
NOVEMBER	5.23 ins.	62	34
DECEMBER	3.7 ins.	54	29

Total Rainfall 35.19 ins.

APPENDIX "C"

Rainfall and Temperature Recorded at the
Highsted Waterworks, Sittingbourne and
Johnson House, Sittingbourne - 1960.

<u>MONTH</u>	<u>RAINFALL</u>	<u>TEMPERATURE</u>	
		<u>MAX</u>	<u>MIN</u>
JANUARY	54	20
FEBRUARY	62	24
MARCH	60	27
APRIL	70	32
MAY	79	36
JUNE	86	43
JULY	78	42
AUGUST	80	44
SEPTEMBER	75	40
OCTOBER	58	30
NOVEMBER	61	30
DECEMBER	56	28

Total Rainfall 33.64 ins.

APPENDIX "D"

RECORD OF INSPECTIONS AND VISITS BY THE

PUBLIC HEALTH INSPECTORS

HOUSING

Rent Act, 1957 ...	...	...	...	...	...	...	...	...	...	10
Housing Act, 1949	...	...	...	...	...	...	...	...	...	9
Visits under Housing Acts	...	...	...	...	...	...	...	...	...	153
Re-visits under Housing Acts	...	...	...	...	...	...	...	...	...	88
Council House Applications	...	...	...	...	...	...	...	...	...	366
Council House Tenancies	...	...	...	...	...	...	...	...	...	3

PUBLIC HEALTH

Complaints re Houses	...	...	...	...	...	...	...	...	...	115
Other Complaints	...	...	...	...	...	...	...	...	...	73
Re-Visits (Houses)	...	...	...	...	...	...	...	...	...	473
Other Re-visits	...	...	...	...	...	...	...	...	...	101
Miscellaneous visits P.H.A.	...	...	...	...	...	...	...	...	...	416
Infectious Disease	...	...	...	...	...	...	...	...	...	96
Tents, Vans and Sheds	...	...	...	...	...	...	...	...	...	127
Hop-pickers' Camps	...	...	...	...	...	...	...	...	...	21
Fruit pickers' Camps	...	...	...	...	...	...	...	...	...	-
Schools	...	...	...	...	...	...	...	...	...	9
Visits re Vermin	...	...	...	...	...	...	...	...	...	14
Smoke Observations	...	...	...	...	...	...	...	...	...	-

FOOD AND DRUGS ACT AND SHOPS

Food Premises:

Bakehouses	...	...	...	...	...	...	...	...	...	7
Slaughterhouses	...	...	...	...	...	...	...	...	...	239

Food Premises (Cont.):

Grocery and General	...	...	...	...	...	...	...	...	...	130
Restaurants	...	...	...	...	...	...	...	...	...	67
Inns	...	...	...	...	...	...	...	...	...	101
Butchers	...	...	...	...	...	...	...	...	...	63
Fried and Wet Fish Shops	...	...	...	...	...	...	...	...	...	5
Ice-Cream	...	...	...	...	...	...	...	...	...	29
Dairies	...	...	...	...	...	...	...	...	...	11
Shops (Non-food)	...	...	...	...	...	...	...	...	...	39
Knackers Yard	...	...	...	...	...	...	...	...	...	-
Canteens, Halls and Clubs	...	...	...	...	...	...	...	...	...	44
Waste Food Order	...	...	...	...	...	...	...	...	...	6

FACTORIES

With Power	...	...	...	...	...	...	...	...	...	36
Non-Power	...	...	...	...	...	...	...	...	...	20
Workplaces	...	...	...	...	...	...	...	...	...	5

GENERAL

Interviews	...	...	...	...	...	...	...	...	...	326
Rat Destruction	...	...	...	...	...	...	...	...	...	19
Visits with M.O.H.	...	...	...	...	...	...	...	...	...	19
Visits with D.P.H.I.	...	...	...	...	...	...	...	...	...	59
Civil Defence	...	...	...	...	...	...	...	...	...	4
National Assistance Act	...	...	...	...	...	...	...	...	...	2

SAMPLES FOR ANALYSIS

Water	...	...	...	...	...	...	...	...	...	2
Ice-Cream	...	...	...	...	...	...	...	...	...	-
Milk	...	...	...	...	...	...	...	...	...	-
Faeces	...	...	...	...	...	...	...	...	...	6

DISINFECTION AND DISINFESTATION

Rooms disinfected	...	...	...	...	...	...	...	...	...	20
Rooms disinfested	...	...	...	...	...	...	...	...	...	1
Roofs disinfested (Flies)	...	...	...	...	...	...	...	...	...	17

APPENDIX "E"

UN SOUND FOOD

HOME KILLED MEAT

			Weight (lbs.)
<u>BEEF</u>			
1	Carcase	Acute Septic Peritonitis	580
46	Livers/part livers	Abscess, Distomatosis, Cirrhosis etc.	682
1	Head and Tongue	Actinomycosis	30
1	Heart	Cysticercus bovis	4
	Miscellaneous	Abscesses	19
<u>PORK</u>			
4	Heads and Tongues	Tuberculosis	44
1	Mesentery	Tuberculosis	2
2	Hindquarters	Suppuration	102
7	Livers	Parastic Cirrhosis	20
<u>MUTTON</u>			
7	Carcases	Bruising, Emaciation	
		Septic Mastitis	425
10	Livers	Distomatosis Parastic	21
4	Lungs	Congestion, Parastic	8
3	Legs	Bruising	20
			<u>1,957</u>
		<u>OTHER FOODSTUFF</u>	

In addition to the above home killed meat

50 lbs. Lobsters Decomposition
12½ lbs. English Lamb Heated

were also found to be unfit for human consumption.

APPENDIX "F"

	Public Health Act, 1936	Housing Act, 1957	Food & Drugs Act.	Shops Act, 1950	Factories Act, 1937	Milk & Dairies Regs., 1949
Preliminary Notices served	101	2	80	3	4	1
Preliminary Notices complied with ...	37	-	16	2	2	-
Statutory Notices served	1	-	-	-	-	-
Statutory Notices complied with ...	1	-	-	-	-	-

WORK COMPLETED AS A RESULT OF ACTION TAKEN

(a) HOUSING DEFECTS REMEDIED

External

Roofs and flashings ...	...	...	...	...	...	...	...	...	...	22
Chimneys and flues ...	...	...	...	...	...	...	...	...	...	10
Eaves Gutters ...	...	...	...	...	...	...	...	...	...	5
R. W. Downpipes ...	...	...	...	...	...	...	...	...	...	7
Walls (brickwork, pointing etc)	...	...	...	...	...	...	...	...	...	13
Pavings, steps etc. ...	...	...	...	...	...	...	...	...	...	3
Drainage repaired/cleansed	...	...	...	...	...	...	...	...	...	12
Dustbins renewed/provided	...	...	...	...	...	...	...	...	...	2
Conversions pails to W.C's	...	...	...	...	...	...	...	...	...	1

Internal

Walls	25
-------	-----	-----	-----	-----	-----	-----	-----	-----	-----	----

Internal (Cont:)

Ceilings	...	...	...	...	...	...	...	...	...	...	...	13
Floors	...	...	...	...	...	...	...	...	...	...	...	13
Windows	...	...	...	...	...	...	...	...	...	...	...	16
Doors	...	...	...	...	...	...	...	...	...	...	...	7
Ranges etc. repaired/renewed	...	...	...	...	...	...	...	...	...	...	...	2
Sinks provided/renewed	...	...	...	...	...	...	...	...	...	...	...	1
Sink wastes renewed	...	...	...	...	...	...	...	...	...	...	...	8
Stairs repaired/improved	...	...	...	...	...	...	...	...	...	...	...	1
Dampness abated	...	...	...	...	...	...	...	...	...	...	...	13
W.C's repaired	...	...	...	...	...	...	...	...	...	...	...	10
Privies repaired	...	...	...	...	...	...	...	...	...	...	...	2

(b) PUBLIC HEALTH

Nuisance from Moveable Dwellings abated	...	...	...	...	...	...	...	...	...	...	...	3
Other Nuisances	...	...	...	...	...	...	...	...	...	...	...	3

(c) FOOD PREMISES

Walls, ceilings, floors, windows, doors repaired	...	...	...	...	...	...	...	...	...	...	...	10
Walls, ceilings, floors, windows, doors cleansed	...	...	...	...	...	...	...	...	...	...	...	14
Cleanliness improved	...	...	...	...	...	...	...	...	...	...	...	17
Hot-water supplies provided	...	...	...	...	...	...	...	...	...	...	...	10
Washing facilities provided	...	...	...	...	...	...	...	...	...	...	...	10
Accumulations removed	...	...	...	...	...	...	...	...	...	...	...	1

(d) SHOPS

E.C.D. Notices exhibited	2
--------------------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---